

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 02/12159

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08J3/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C08J C08L B60C C08K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 272 459 A (DU PONT) 29 June 1988 (1988-06-29) claims 1,5	1, 12, 23, 24, 30
X	<p>-----</p> <p>DATABASE WPI Section Ch, Week 198139 Derwent Publications Ltd., London, GB; Class A12, AN 1981-70830D XP002244925 & JP 56 100836 A (NIPPON OIL SEAL IND CO LTD), 13 August 1981 (1981-08-13) abstract</p> <p>-----</p> <p style="text-align: center;">-/-</p>	1, 12, 23, 24

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

19 June 2003

Date of mailing of the international search report

07/07/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Hillebrand, G

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/12159

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 2002, no. 11, 6 November 2002 (2002-11-06) & JP 2002 201306 A (YOKOHAMA RUBBER CO LTD:THE), 19 July 2002 (2002-07-19) abstract</p> <p>-----</p>	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 02/12159

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0272459	A	29-06-1988	AU 600993 B2	30-08-1990
			AU 8142787 A	26-05-1988
			BR 8706226 A	21-06-1988
			DE 3786154 D1	15-07-1993
			DE 3786154 T2	20-01-1994
			EP 0272459 A2	29-06-1988
			JP 1675915 C	26-06-1992
			JP 3040061 B	17-06-1991
			JP 63137940 A	09-06-1988
			KR 9102439 B1	22-04-1991
			NO 874833 A	24-05-1988
JP 56100836	A	13-08-1981	JP 1265875 C	27-05-1985
			JP 58004062 B	24-01-1983
JP 2002201306	A	19-07-2002	NONE	